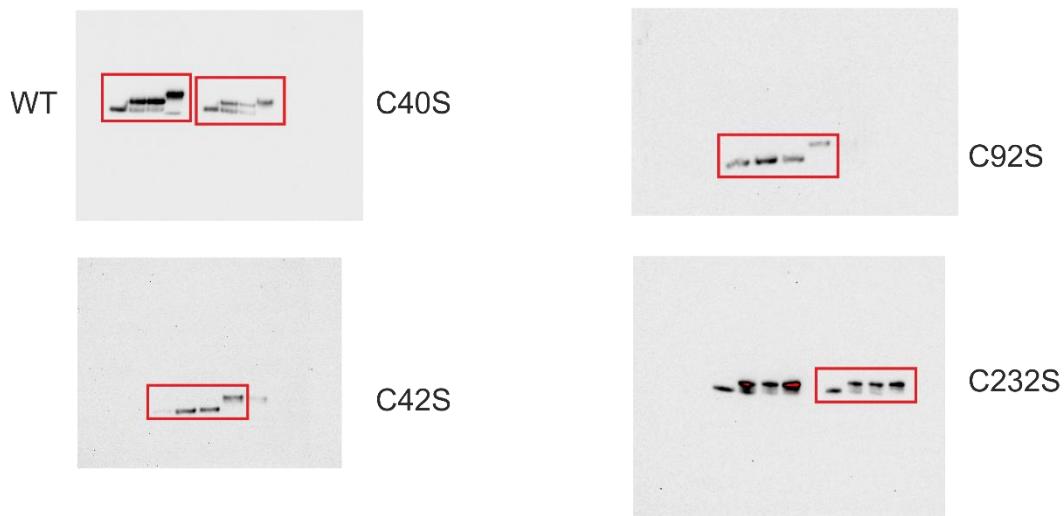


**A** Full western blots of **Fig. 2A** (redox-state AK2-HA variants),  $\alpha$ HA



**B** Full western blots of **Fig. S2D** (IP, AK2-HA variants),  $\alpha$ HA,  $\alpha$ MIA40,  $\alpha$ CPOX



**C** Full autoradiography of **Fig. S2E** (oxidation kinetics, AK2-HA variants),  $\alpha$ HA

